

Atty. Dkt. No.	M#	Client Ref.
	0268461	
Applicant: WEBSTER		RECEIVED
		JUN 28 2001
Appln. No.: 09/723,326		Technology Center 2600
Filing Date: November 28, 2000		
Examiner: Unknown		Group Art Unit: Unknown

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: June 7, 2001 Page 1 of 5

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Jme	AR 5,681,706	10/1997	Anderson et al.			
	BR 5,882,914	03/1999	Semenza			
	CR 5,942,434	08/1999	Ratcliffe et al.			
	DR 6,218,179	04/2001	Webster et al.			
	ER 5,834,306	11/1998	Webster et al.			
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	HR					

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					Enclosed	No	Enclose	No
Jme	IR WO 96/20276	07/1996	WIPO	Webster et al.				
	JR WO 99/05269	02/1999	WIPO	Hauser et al.				
	KR							
	LR							

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Jme	MR	Awad et al., "Negative Transcriptional Regulation Mediated by Thyroid Hormone Response Element 144 Requires Binding of the Multivalent Factor CTCF to a Novel Target DNA Sequence," The Journal of Biological Chemistry, Vol. 274, No. 38, September 17, 1999, pages 27092-27097			
	NR	Baniahmad et al., "t4/tc/AF-2 of the Thyroid Hormone Receptor Relieves Silencing of the Retinotic Acid Receptor Silencer Core Independent of Both t4 Activation Function and Full Dissociation of Corepressors," Molecular and Cellular Biology, Vol. 17, No. 8, August 1997, pages 4259-4271			
	OR	Barath et al., "Characterization of a Silencer Element and Purification of a Silencer Protein That Negatively Regulates the Human Adenine Nucleotide Translocator 2 Promoter," The Journal of Biological Chemistry, Vol. 274, No. 6, February 1999, pages 3378-3384			
	PR	Bessis et al., "The neuron-restrictive silencer element: A dual enhancer/silencer crucial for patterned expression of a nicotinic receptor gene in the brain," Proc. Natl. Acad. Sci. USA, Vol. 94, May 1997, pages 5906-5911			
	QR	Burcin et al., "Negative Protein 1, Which Is Required for Function of the Chicken Lysozyme Gene Silencer in Conjunction with Hormone Receptors, Is Identical to the Multivalent Zinc Finger Repressor CTCF," Molecular and Cellular Biology, Vol. 17, No. 3, March 1997, pages 1281-1288			
	RR	Burcin et al., "Adenovirus-mediated regulable target gene expression <i>in vivo</i> ," Proc. Natl. Acad. Sci. USA, Vol. 96, January 1999, pages 355-360			

Examiner: *James A. McElroy* Date Considered: 11/2/03

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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me	KR	Cao et al., "A novel approach for inducing enhanced and selective transgene expression in hepatocellular-carcinoma cells," International Journal of Cancer, Volume 87, Issue 2, June 15, 2000, pages 247-252			
	LR	Edelman et al., "Synthetic promoter elements obtained by nucleotide sequence variation and selection for activity," PNAS, vol. 97, no. 7, March 28, 2000, pages 3038-3043			
	MR	Freundlieb et al., "A Tetracycline Controlled Activation/Repression System with Increased Potential for Gene Transfer into Mammalian Cells," The Journal of Gene Medicine, Vol. 1, 1999; pages 4-12			
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Examiner

Terry A. McElroy

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11/2/03

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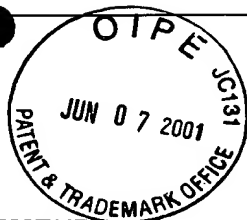
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	MR	Malone et al., "An Upstream Oct-1 and Oct-2-Binding Silencer Governs B29 (Igβ) Gene Expression ¹ ," The Journal of Immunology, Vol. 164, 2000, pages 2550-2556			
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	OR	Nabel, "Development of optimized vectors for gene therapy," Proc. Natl. Acad. Sci. USA, Vol. 96, January 1999, pages 324-326			
	PR	Nagasawa et al., "Oct-1, silencer sequence, and GC box regulate thyroid hormone receptor β1 promoter," Molecular and Cellular Endocrinology, Vol. 130, 1997, pages 153-165			
	QR	Naruse et al., "Neural restrictive silencer factor recruits mSin3 and histone deacetylase complex to repress neuron-specific target genes," PNAS, vol. 96, no. 24, November 23, 1999, pages 13691-13696			
	RR	Natesan et al., "A general strategy to enhance the potency of chimeric transcriptional activators," PNAS, Vol. 96, no. 24, November 23, 1999, pages 13898-13903			

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	SR					
	TR					
	UR					
	VR					
	WR					

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	XR							
	YR							
	ZR							
	AAR							

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CCR	Nourbakhsh et al., "Constitutive silencing of IFN- β promoter is mediated by NRF (NF-kB-repressing factor), a nuclear inhibitor of NF-kB," The EMBO Journal, Vol. 18, No. 22, 1999, pages 6415-6425			
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EER	Osada et al., "Nuclear Factor 1 Family Proteins Bind to the Silencer Element in the Rat Glutathione Transferase P Gene," J. Biochem, Vol. 121, 1997, pages 355-363			
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GGR	Pierce et al., "Silencing of the Expression of the Immunoglobulin Kappa Gene in Non-B Cells," Molecular and Cellular Biology, Vol. 11, March 1991, pages 1431-1437			
HHR	Porter, "Controlling your losses: conditional gene silencing in mammals," TIG, Vol. 14, No. 2, February 1998, pages 73-79			
IIR	Quinn, "Neuronal-Specific Gene Expression - The Interaction of Both Positive and Negative Transcriptional Regulators," Progress in Neurobiology, Vol. 50, 1996, pages 363-379			
JJR	Saez et al., "Inducible gene expression in mammalian cells and transgenic mice," Current Opinion in Biotechnology, Vol. 8, 1997, pages 608-616			

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FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

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				Enclosed	No
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DDR	Weber et al., "Identification of a Novel Repressive Element That Contributes to Neuron-Specific Gene Expression," The Journal of Neuroscience, Vol. 17, No. 20, October 15, 1992, pages 7583-7593				
EER	Webster, "One-Step, Two-Step Regulation of Therapeutic Genes," The Scientist, Vol. 13, No. 9, April 26, 1999, page 13				
FFR	Wolfe et al., "Binding of Nuclear Proteins to an Upstream Element Involved in Transcriptional Regulation of the Testis-Specific Histone H1t Gene," Journal of Cellular Biochemistry, Vol. 75, 1999, pages 555-565				
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HHR	Ye et al., "Regulation of a Cell Type-specific Silencer in the Human Interleukin-3 Gene Promoter by the Transcription Factor YY1 and an AP2 Sequence-recognizing Factor," The Journal of Biological Chemistry, Vol. 274, No. 38, September 17, 1999, pages 26661-26667				
	IIR				
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	KKR				

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<p>LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)</p> <p>OFFICE MAY 20 2002 PATENT & TRADEMARK OFFICE</p>				ATTY. DOCKET NO. 10989-004-999		APPLICATION NO. 09/723,326	
				APPLICANT Webster			
				FILING DATE November 28, 2000		GROUP 1645 1636	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Jme	AA	5,763,217	6/9/98	Cynader et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
Jme	AB	WO 97/13866	4/97	PCT			
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	AE	Modlich U, Pugh CW, Bicknell R. 2000. Increasing endothelial cell specific expression by the use of heterologous hypoxic and cytokine-inducible enhancers. Gene Ther. 7(10):896-902.					
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	AG	Shibata T, Giaccia AJ, Brown JM. 2000. Development of a hypoxia-responsive vector for tumor-specific gene therapy. Gene Ther. 7(6):493-8.					
	AH	Millecamps S, Kiefer H, Navarro V, Geoffroy MC, Robert JJ, Finiels F, Mallet J, Barkats M. 1999. Neuron-restrictive silencer elements mediate neuron specificity of adenoviral gene expression. Nat. Biotechnol. 17(9):865-9					
EXAMINER Benjamin K. Kelly				DATE CONSIDERED 11/2/03			
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